Table 1. Current Design Basis Flood Hazards for Use in the MSA

Mechanism	Stillwater Elevation	Waves/ Runup	Design Basis Hazard Elevation	Reference
Local Intense Precipitation	Not included in DB	Not included in DB	Not included in DB	FHRR Section 3b1
Streams and Rivers	313.3 ft NGVD29	Not applicable	313.3 ft NGVD29	FHRR Section 3b2
Failure of Dams and Onsite Water Control/Storage Structures	REDACTED	REDACTED	REDACTED	REDACTED
Storm Surge	Not included in DB	Not included in DB	Not included in DB	FHRR Section 3b4
Seiche	Not included in DB	Not included in DB	Not included in DB	FHRR Section 3b5
Tsunami	Not included in DB	Not included in DB	Not included in DB	FHRR Section 3b6
Ice-Induced Flooding	Not included in DB	Not included in DB	Not included in DB	FHRR Section 3b7
Channel Migrations/Diversions	Not included in DB	Not included in DB	Not included in DB	FHRR Section 3b8

Note 1: Reported values are rounded to the nearest one-tenth of a foot.

Table 2. Reevaluated Flood Hazards for Flood-Causing Mechanisms for Use in the MSA

Mechanism	Stillwater Elevation	Waves/ Runup	Reevaluated Hazard Elevation	Reference
Local Intense Precipitation				
Air Intake Pagoda & Tunnel	305.2 ft NGVD29	Minimal	305.2 ft NGVD29	FHRR Section 4a & Table 3
Auxiliary Building, Unit 1 - BSWT Tunnel Sumps	305.3 ft NGVD29	Minimal	305.3 ft NGVD29	FHRR Section 4a & Table 3
Auxiliary Building, Unit 1 - Entrance on South Wall	305.2 ft NGVD29	Minimal	305.2 ft NGVD29	FHRR Section 4a & Table 3
Control Building, Unit 1 - Entrance on North Wall	305.2 ft NGVD29	Minimal	305.2 ft NGVD29	FHRR Section 4a & Table 3
Control Building, Unit 1 - Entrance on Northeast Wall	305.2 ft NGVD29	Minimal	305.2 ft NGVD29	FHRR Section 4a & Table 3
Control Building, Unit 1 - Turbine Building Drains	305.2 ft NGVD29	Minimal	305.2 ft NGVD29	FHRR Section 4a & Table 3
Diesel Generating Building - Entrance on North Wall	305.1 ft NGVD29	Minimal	305.1 ft NGVD29	FHRR Section 4a & Table 3
Diesel Generating Building - Entrance on East Wall	305.2 ft NGVD29	Minimal	305.2 ft NGVD29	FHRR Section 4a & Table 3
Fuel Handling Building, Unit 1 - Entrance on South Wall	305.2 ft NGVD29	Minimal	305.2 ft NGVD29	FHRR Section 4a & Table 3
Fuel Handling Building, Unit 1 - Entrance on West Wall	305.2 ft NGVD29	Minimal	305.2 ft NGVD29	FHRR Section 4a & Table 3
Fuel Handling Building, Unit 1 - Turbine Building Drains	305.2 ft NGVD29	Minimal	305.2 ft NGVD29	FHRR Section 4a & Table 3

Table 2. Reevaluated Flood Hazards for Flood-Causing Mechanisms for Use in the MSA

Mechanism	Stillwater Elevation	Waves/ Runup	Reevaluated Hazard Elevation	Reference
Intake Screen & Pump House, Unit 1	305.1 ft NGVD29	Minimal	305.1 ft NGVD29	FHRR Section 4a & Table 3
Reactor Building, Unit 1	305.4 ft NGVD29	Minimal	305.4 ft NGVD29	FHRR Section 4a & Table 3
Failure of Dams and Onsite Water Control/Storage Structures				
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Ice-Induced Flooding				
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

Note 1: The licensee is expected to develop flood event duration parameters and applicable flood associated effects to conduct the MSA. The staff will evaluate the flood event duration parameters (including warning time and period of inundation) and flood associated effects during its review of the MSA.

Note 2: Reevaluated hazard mechanisms bounded by the current design basis (see Table 1) are not included in this table

Note 3: Reported values are rounded to the nearest one-tenth of a foot.

Note 4: FHRR reported ice-induced flooding is bounded by the seismically induced dam failure hazard. Therefore, the maximum water surface elevation reported in this table for this ice-induced flooding is the same as for seismically induced dam failure.